



U.S. Department of Commerce, Patent and Trademark Office				Atty. Docket No.		Serial No.		
				M-15233 US		10/638,232		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s)				
(Use several sheets if necessary)				Raymond Browning et al.				
				Filing Date		Group		
				August 7, 2003		2644		
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
/PL/	AA	US 3,530,244	09/22/1970	Reiffin				
/PL/	AB	US 4,243,839	01/06/1981	Takahashi et al.				
/PL/	AC	US 4,335,274	06/15/1982	Ayers				
/PL/	AD	US 4,573,189	02/25/1986	Hall				
/PL/	AE	US 5,191,618	03/02/1993	Hisey				
/PL/	AF	US 5,408,533	04/18/1995	Reiffin				
/PL/	AG	US 5,542,001	07/30/1996	Reiffin				
/PL/	AH	US 5,588,065	12/24/1996	Tanaka et al.				
/PL/	AI	US 5,694,476	12/02/1997	Klippel				
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/PL/	AK	US 6,005,952	12/21/1999	Klippel				
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		Document	Date	Country	Class	Subclass	Yes	No
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
/PL/	AQ	Bright, A., "Compensating Non-Linear Distortion in an 'Equal-Hung' Voice Coil," Audio Engineering Society, Convention Paper 5411, Presented at the 111 th Convention, New York, NY, USA, September 21-24, 2001, pp. 1-8						
/PL/	AR	Busbridge, S.C., et al., "Crossover Systems in Digital Loudspeakers," Audio Engineering Society, Convention Paper 5305, Presented at the 110 th Convention, Amsterdam, The Netherlands, May 12-15, 2001, pp. 1-7						
/PL/	AS	Kaoru, A. and Shogo, K., "Detection threshold for tones above 22 kHz," Audio Engineering Society, Convention Paper 5401, Presented at the 110 th Convention, Amsterdam, The Netherlands, May 12-15, 2001, pp. 1-4						
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/PL/	AA	US 6,058,195	05/02/2000	Klippel				
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	AQ	Klippel, W., "Adaptive Nonlinear Control of Loudspeaker Systems," J. Audio Eng. Soc., Vol. 46, No. 11, (1998), pp. 939-954						
/PL/	AR	Klippel, W., "Nonlinear Adaptive Controller for Loudspeakers with Current Sensor," Audio Engineering Society, Convention Paper 4864, Presented at the 106 th Convention, Munich, Germany, May 8-11, 1999, pp. 1-18						
/PL/	AS	Klippel, W., "Diagnosis and Remedy of Nonlinearities in Electrodynamical Transducers," Audio Engineering Society, Convention Paper 5261, Presented at the 109 th Convention, Los Angeles, CA, USA, September 22-25, 2000, pp. 1-48						
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/PL/	AQ	Klippel, W., "Fast and Accurate Measurement of Linear Transducer Parameters," Audio Engineering Society, Convention Paper 5308, Presented at the 110 th Convention, Amsterdam, The Netherlands, May 12-15, 2001, pp. 1-8					
/PL/	AR	Klippel, W., "Speaker Auralization - Subjective Evaluation of Nonlinear Distortion," Audio Engineering Society, Convention Paper 5310, Presented at the 110 th Convention, Amsterdam, The Netherlands, May 12-15, 2001, pp. 1-8					
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/PL/	AQ	Klippel GmbH, Klippel Analyzer System, Introductory Report, Large Signal Identification (LSI), HTML Report, July 5, 2002, pp. 1-17						
/PL/	AR	Mazin, V., "Modeling of Magnetic Hysteresis and its Influence on Harmonic Distortion in Electrodynamical Loudspeakers," Audio Engineering Society, Convention Paper 4865, Presented at the 106 th Convention, Munich, Germany, May 8-11, 1999, pp. 1-16						
/PL/	AS	Mihelich, R., "Loudspeaker Nonlinear Parameter Estimation: An Optimized Method," Audio Engineering Society, Convention Paper 5419, Presented at the 111 th Convention, New York, NY, USA, September 21-24, 2001, 1 p. (Abstract)						
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	AQ	Schurer, H., et al., "Theoretical and Experimental Comparison of Three Methods for Compensation of Electrodynamic Transducer Nonlinearity," <i>J. Audio Eng. Soc.</i> , Vol. 46, No. 9, September 1998, pp. 723-739					
	AR	Suykens, J., et al., "Feedback Linearization of Nonlinear Distortion in Electrodynamic Loudspeakers," <i>J. Audio Eng. Soc.</i> , Vol. 43, No. 9, September 1995, pp. 690-694					
/PL/	AS	Teixeira, V., et al., "Study of loudspeaker electromechanical nonlinearities and their compensation," Presented at the International Conference on Signal Processing Applications and Technology (ICSPAT), Boston, Massachusetts, USA, October 7-10, 1996, pp. 321-325					
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/PL/	AR	Thiele, N., "Phase Considerations in Loudspeaker Systems," Audio Engineering Society, Convention Paper 5307, Presented at the 110 th Convention, Amsterdam, The Netherlands, May 12-15, 2001, pp. 1-13						
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Examiner		/Ping Lee/		Date Considered		04/02/2007		
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